

Title (en)  
LIGHTING APPARATUS

Publication  
**EP 0264245 A3 19890322 (EN)**

Application  
**EP 87308996 A 19871012**

Priority  
HU 425486 A 19861013

Abstract (en)  
[origin: EP0264245A2] A lighting apparatus is provided having a plurality N of light sources (2) arranged annularly around the optical axis of a reflector (1). The efficiency of such an apparatus and its service life are improved by providing a central mirrored column (10) which is symmetrically disposed with respect to the light sources. The column (10) has DN symmetry and reflects light emitted by the light sources away from the light sources themselves, thereby reducing the amount of light reflected back at the light sources and reducing their thermal load.

IPC 1-7  
**F21V 7/09**

IPC 8 full level  
**F21V 7/09** (2006.01)

CPC (source: EP US)  
**F21V 7/09** (2013.01 - EP US)

Citation (search report)

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- [A] US 4308573 A 19811229 - MCNAMARA JR ALBERT C
- [A] US 1935729 A 19331121 - HUGO ROSENBAUM
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Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0264245 A2 19880420; EP 0264245 A3 19890322; EP 0264245 B1 19910724;** AU 600312 B2 19900809; AU 7958387 A 19880414; CN 1013701 B 19910828; CN 87107021 A 19880420; DE 3771637 D1 19910829; ES 2023910 B3 19920216; HU 204121 B 19911128; HU T45763 A 19880829; JP S63164104 A 19880707; US 4965876 A 19901023

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